



W3

Active Air Cooler

PRODUCT SPECIFICATIONS

Specification Version: 02/05/2024

(Specifications are subject to change without notice)

W3 | LGA 4926

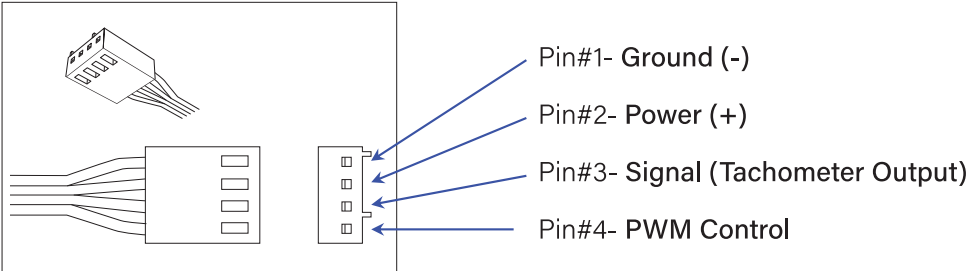
Model Number: W3

- Recommend for LGA 4926 Processor
- Active Air Cooler for Tower PC

Overall Specification

Dimension	125.0 x 79.0 x 158.0 mm (LxWxH)
Weight	706g ± 10g
Material	Aluminum + Direct Contact Heat Pipe Heatsink Base + Aluminum Fins
Thermal Grease	Shin-Etsu X23-8079-2
TDP	Fully Support 250W at 43°C Ambient Temperature

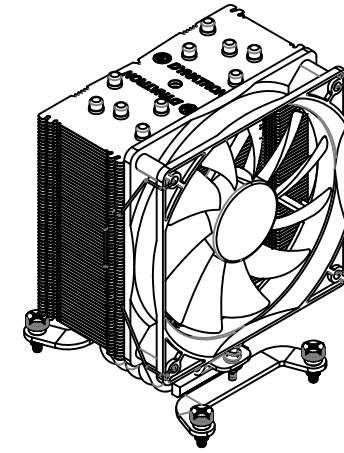
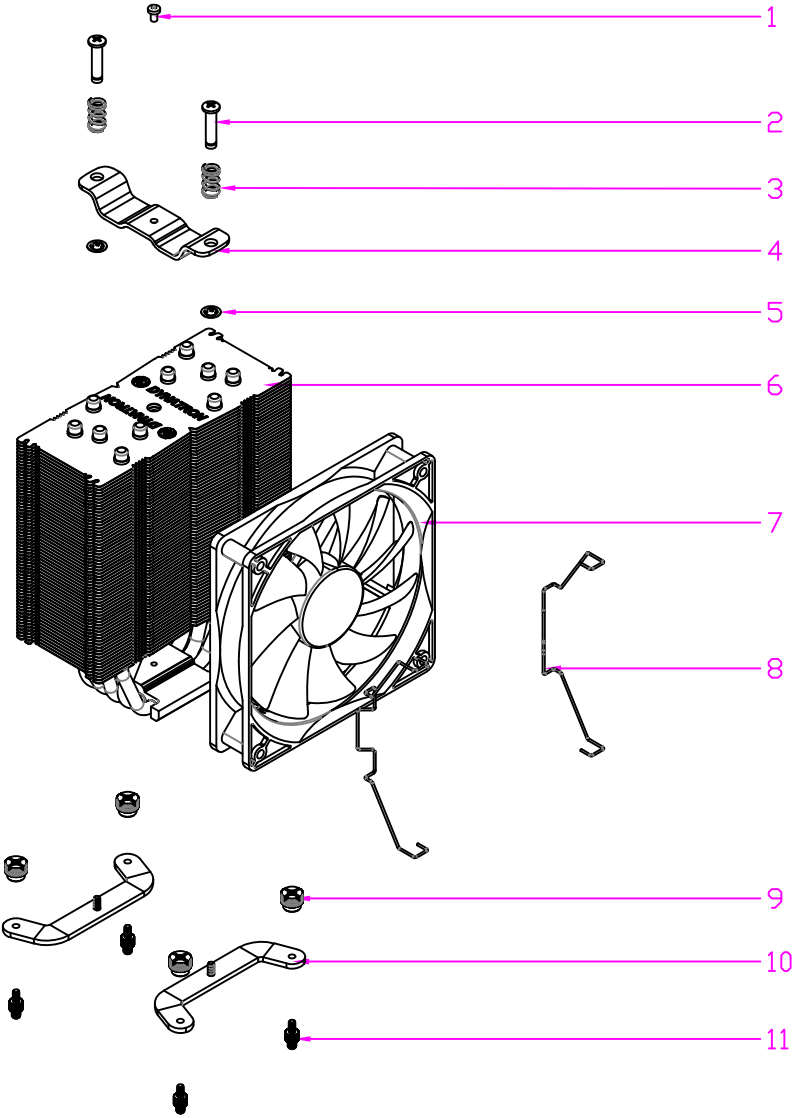
Cooling Fan Specification

Model Number	LE12250013
Dimension	120 x 120 x 25 mm
Bearing	Double Ball
Rated Voltage	12V
Rated Speed	At Duty Cycle 0~20%: 600 ± 200 RPM At Duty Cycle 50%: 1500 ± 200 RPM At Duty Cycle 100%: 2200 ± 10% RPM
Input Power	At Duty Cycle 0~20%: 0.6 W At Duty Cycle 50%: 1.2 W At Duty Cycle 100%: 2.4 W
Maximum Airflow	At Duty Cycle 0~20%: 21.2 CFM At Duty Cycle 50%: 57.5 CFM At Duty Cycle 100%: 84.3 CFM
Rated Static Pressure	At Duty Cycle 0~20%: 0.24 mm-H2O At Duty Cycle 50%: 1.76 mm-H2O At Duty Cycle 100%: 3.78 mm-H2O
Acoustical Noise	At Duty Cycle 0~20%: 14.26 dBA At Duty Cycle 50%: 27.7 dBA At Duty Cycle 100%: 36.1 dBA
Lead Wire Pin Out	<p>Pin#1- Black(-) Pin#2- Black(+) Pin#3- Black(Tachometer/ Signal Output) Pin#4- Black(PWM)</p> 


CONFIDENTIAL DOCUMENT

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REV#	DESCRIPTION	CHECKER	DATE
0.0	INITIAL RELEASE	Engr.	12/28/23



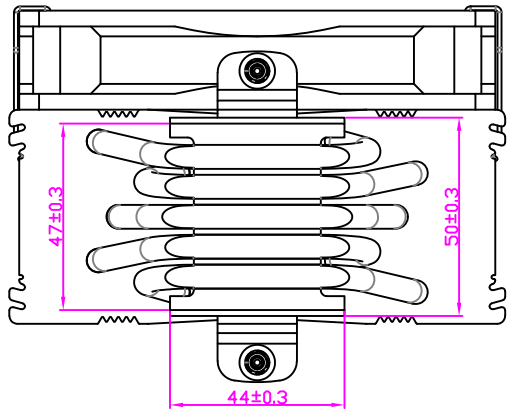
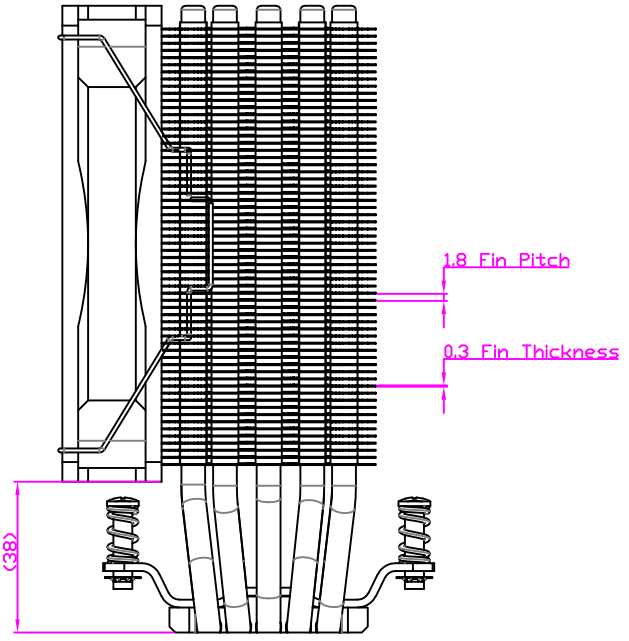
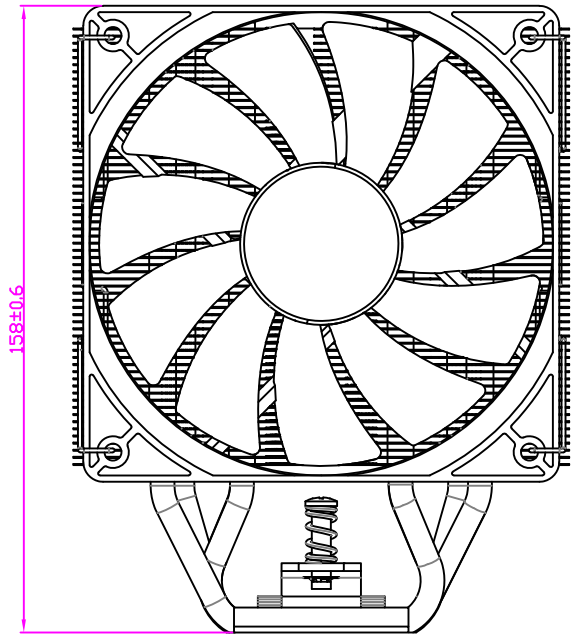
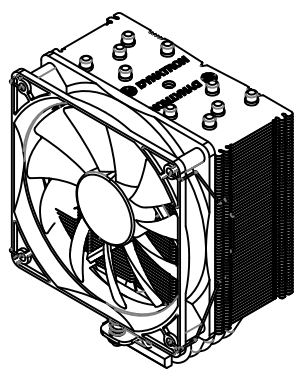
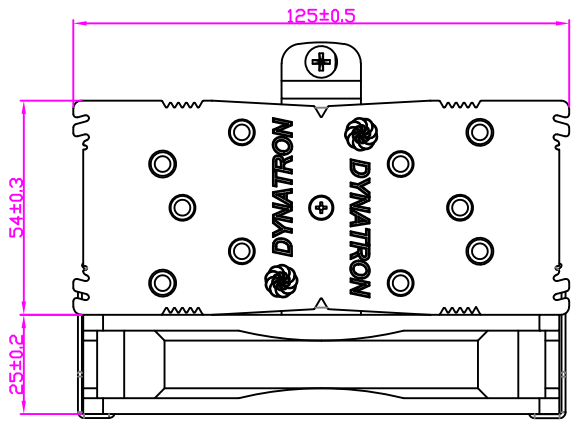
11	LGA4926 SOCKET SCREW	M4+M3, STEEL	4
10	LGA4926 MOUNTING BRACKET	SK7	2
9	THUMB SCREW	STEEL	4
8	FAN WIRE CLIP (51000800)	SUS	2
7	FAN, LE12250013, 2200RPM	PLASTIC	1
6	HEATSINK	ALUMINUM BASE, HEAT PIPES, ALUMINUM FINS	1
5	O-RING (51900110)	SK7	2
4	HEATSINK BRACKET (31301800)	SK7	1
3	HEATSINK MOUNTING SPRING (50601290)	SWC	2
2	HEATSINK MOUNTING SCREW (50905380)	C1018	2
1	HEATSINK BRACKET SCREW (50905360)	C1018	1
ITEM #	DESCRIPTION	MATERIAL	QTY.

	DATE	NAME	 DYNATRON CORPORATION
DRAWN	12/28/23	Engr.	
CHECKED	12/28/23	Engr.	TITLE: Active Air Cooler W3 BOM & Exploded Assembly Drawing
ENG. APPR.			
MFG. APPR.			
QA			
COMMENTS			DWG. No: DYN-EP-W3
			REV 0.0

NOTES:

1. THE FIGURE IS FOR REFERENCE ONLY, AND NOT FOR SCALE

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	NAME	DATE
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CHECKED BY	ENGR	12/28/2023
ENG. APPROVED		
MFG. APPROVED	-	-



DYNATRON CORPORATION

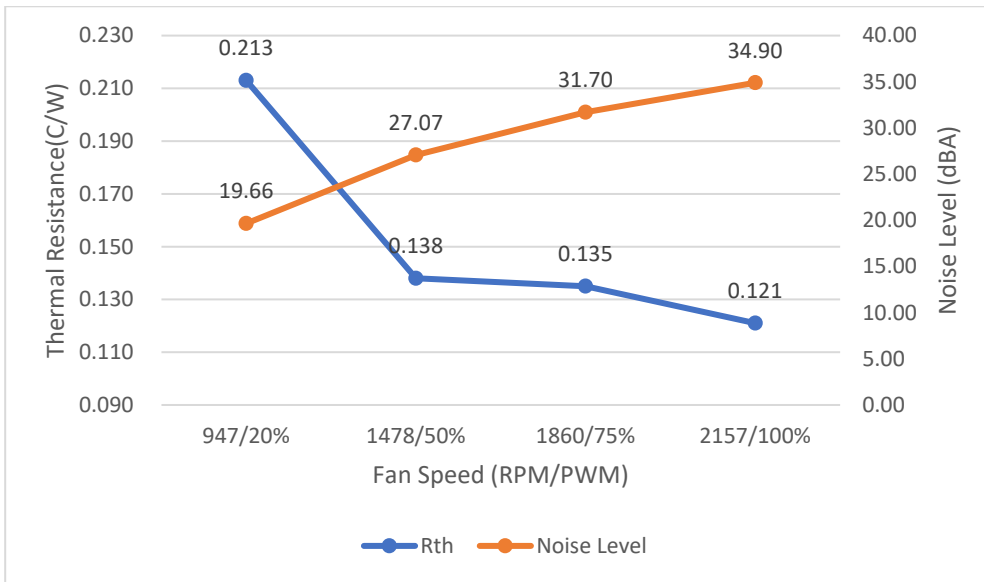
TITLE: Active Air Cooler W3
Overall Dimension Drawing

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VIEW	DWG. No:	REV.
UNITS	DYN-DM-W3	0.0

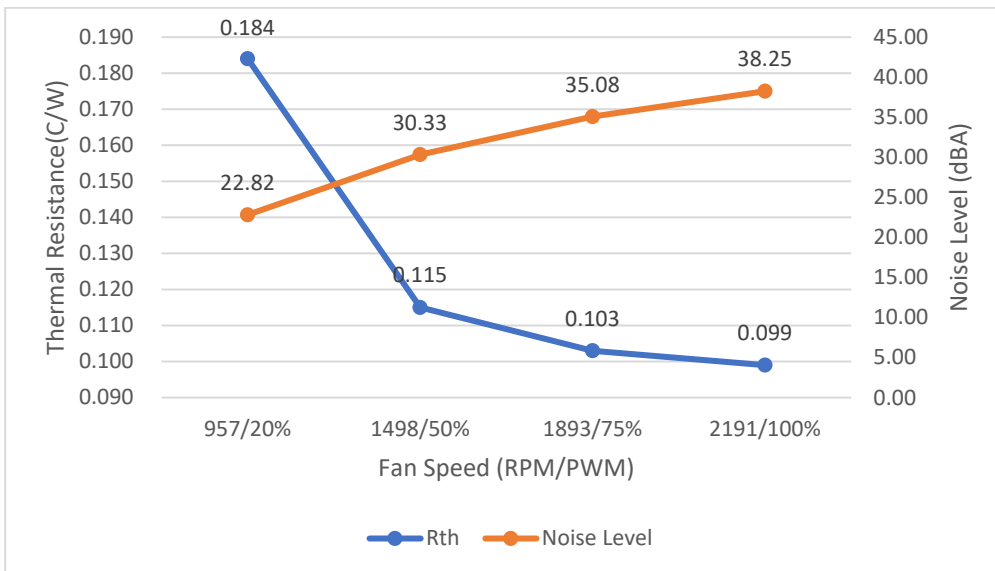
Performance Chart: Passive Cooler W3 Thermal Resistance Thermal Resistance vs. Fan Speed

Single Fan (W3 Standard)



Dual Fan*

(*For reference only. The second fan does not come with the standard W3)



Publication History:

02/05/2024: Add Thermal Performance Chart

12/28/2023: Initial Release

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